

April 15, 2002

Union Pacific Railroad Company  
Healdsburg Station  
University Street  
Healdsburg

**Notice of Proposed No Further Action related to Specific Sources Investigated in the Phase I and Phase II Report**

Comment Period ends May 24, 2002

**Problem Description:** The site located at milepost 67.8 in the city of Healdsburg, California formerly served as a water station for the Northwest Pacific Railroad.

A Phase I and II site assessment of the railroad yard was completed as an element of a property transaction between the Southern Pacific Transportation Company, currently known as Union Pacific Railroad, and the Northwest Pacific Railroad Authority in 1994.

The Phase I site assessment identified possible historical sources of soil and groundwater contamination located on site. Soil samples were collected near each of the identified source locations and the analytical results were summarized in the second phase of the site assessment (Phase II). Three separate field sampling events took place following the submittal of the Phase II Report. Soil samples collected from two of the potential source areas revealed evidence of shallow soil contamination.

Analytical results for soil samples collected from the former suspected underground storage tank (UST) area revealed total petroleum hydrocarbons as motor oil at 130 mg/kg (parts per million) in a shallow sample collected at a depth of 2.0 feet below ground surface (bgs) and non-detect concentrations of total petroleum hydrocarbons as motor oil in the deeper sample collected at 10 feet bgs.

Soil samples collected from within the area of the existing turntable contained possibly elevated concentrations of arsenic. A groundwater sample collected from this area contained non-detect concentrations of TPH-diesel, VOC's and BTEX.

**Interim Actions Completed:** Further investigation of the arsenic concentrations in soil near the southern turntable was conducted. Soil sampling results revealed non-detect concentrations of arsenic with the exception of one sample collected at 1.5 feet below ground surface, which contained 5.7 mg/kg.

During the sampling event, stained surface soil was observed near the pivot point of the turntable. Additional soil samples were collected from the area and analytical results revealed concentrations of both PNA's and of motor oil. PNA's were reported at concentrations ranging from 1,123 ug/kg to less than the detection limit. TPH-motor oil was detected at 22 mg/kg at a depth of 0.5 feet bgs and the sample collected at 1.0 foot bgs contained non-detect concentrations.

Approximately 1.3 cubic yards of soil was manually excavated. Soil was removed over a radial area of 4 to 5 feet from the center of the pivot point, a total area of approximately 27 square feet. Two confirmation soil samples were collected from the base of the excavation and the sampling results reported non-detect levels of PNA's above a reporting limit of 51 ug/kg.

**Proposed Action:** Regional Water Board staff has proposed no further action for the identified potential sources in the Phase I and Phase II investigation of the property.

**MTBE Status:** Soil and groundwater samples were not analyzed for MtBE. Analysis was not necessary because a potential source of MtBE contamination was not identified onsite.

For further information concerning the UPRR Healdsburg Station site please contact Rachel Bosworth at (707) 576-2542 or email [boswr@rbl.ca.gov](mailto:boswr@rbl.ca.gov).

Unless comments are received with significant new information, Regional Water Board staff plans to concur with no further action upon conclusion of the comment period.

(RSB:clh/UPRR Healdsburg Web Notice.doc)